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Appl. No.: 10/648,959

Amdt. Dated September 22, 2006

Response to Office Action Mailed June 23, 2006

## AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in this application.

1-9. (Cancelled).

10. (Currently Amended) Process for pulverizing and granulating melts, ~~especially~~ ~~oxidic slag, glass or thermoplastic melts,~~ comprising the steps of heating melts with burners in an antechamber, and ejecting said melts into a granulating chamber as a shroud surrounding a propellant stream,

wherein hot combustion gases from the antechamber are mixed with the propellant stream, and

wherein the hot combustion gases from the antechamber are suctioned by way of an adjustable throttle cross-section into a ring chamber surrounding a propellant stream nozzle, and are ejected with the propellant stream as a core of a tube-shaped melt stream into the granulating chamber.

11. (Cancelled).

12. (Previously Presented) Process according to Claim 10, wherein the shroud is stressed at its output into the granulating chamber, on its outside, with hot gases for stabilizing an essentially cylindrical structure of the shroud.

13. (Cancelled).

14. (Previously Presented) Process according to Claim 10, wherein the shroud is stressed after its output into the granulating chamber, on its outside, with hot gases for stabilizing an essentially cylindrical structure of the shroud.

15. (Cancelled).

16-36. (Cancelled).

37. (New) Process according to Claim 10, wherein the melts are oxidic slag, glass or thermoplastic melts.

38. (New) Process according to Claim 12, wherein the melts are oxidic slag, glass or thermoplastic melts.

39. (New) Process according to Claim 14, wherein the melts are oxidic slag, glass or thermoplastic melts.